Course/Subject/Unit Description

1. General Information			
SCHOOL		School of Design Sciences	
DEPARTMENT		Interior Architecture	
STUDY LEVEL		Undergraduate	
CODE OF SUBJECT	**EA605**	SEMESTER	**6**
SUBJECT TITLE		**Interdisciplinary Approaches of Architectural Space**	
TEACHING CONTENT		Weekly (Hrs)	Credits
Lectures and Design Workshops/Excercises,		1	4
Design Project – Portfolio of work.		3	
TYPE OF SUBJECT		Mandatory	
PREREQUIRED COURSES		No	
TEACHING AND EXAMS LANGUAGE		Greek	
THE COURSE IS OFFERED TO ERASMUS STUDENTS		Yes	
Course website (URL)		ia.ihu.gr/ea605	

2. Aims and Objectives – Methods – Skills

a. Learning Outcomes

General context

Awareness, adaptation, synergies between students and teachers in an interdisciplinary environment of study through complementary specialties, different perspectives and multiple approaches to architectural space, in order to contribute to a holistic understanding to the main theme of study.

Aims and objectives

Participation of students in a single interdisciplinary study with multiple approaches to architectural space with a parallel involvement of different complementary scientific approaches. Participation in an interdisciplinary environment with a holistic approach to the main theme of study. Awareness, familiarity and synergy of those involved in an interdisciplinary study of research, analysis and synthesis approach.

Method - learning outcomes

The course consists mainly of laboratory content with interpolated theoretical presentations. Parallel involvement of professors ("scientific advisors") of additional interdisciplinary specialties on the main subject of study with parity of weekly time involvement. Development of strategies on a main theme study by the professor in charge in direct synergy with the other professors - scientific advisors of different complementary specialties (eg architectural composition, visual arts, construction, digital technologies, etc.), (see course content).

In the laboratory, an individual or collective study on a main scientific topic is carried out, which is based on interdisciplinary approaches and complementary scientific specialties.

Upon successful completion of the course the student will:

• adapt and be able to collaborate in a group and interdisciplinary study environment

• analyze and codify scientific needs

• composes different interdisciplinary information on a central study topic

• collaborate in parallel with different fellow students and professors approaching a scientific topic from many perspectives

• adapt knowledge, experiences and techniques to specific needs of the main subject of study

• contribute his/her knowledge, as well as recover and adapt new knowledge

β. Skills

• Needs analysis and information coding

• Ability to synthesize different types of knowledge and information

• Team spirit and adaptability

• Creativity and imagination

• Autonomous work

• Critical application of theoretical knowledge in practice

3. Subject Context

The course aims to raise awareness, adaptability and synergies between students and professors in a group and interdisciplinary study environment. The nature of the course allows the definition of a main theme subjected in multiple interdisciplinary approaches of architecture, which will involve many professors of different complementary specialties and will contribute to a holistic approach to the main theme of study.

In particular, each year the course will define, as a "core", a different subject (e.g. architectural composition, visual, construction, digital technologies, etc.), as well as the respective professor in charge who supervises the flow and the scientific approach to the study. At the same time, additional specializations of three other professors - "scientific advisors" (4 teachers in total) with different disciplines complete the interdisciplinarity of the study through different scientific perspectives. The temporal involvement of each professor is equal on a weekly basis, while their scientific contribution is adapted to the central scientific strategy and study that has been drawn up by the professor in charge.

The course enables either full employment of students in a single interdisciplinary study, or the creation of groups of students in individual sections of the study (analytical approach), with the aim of final completion / final composition of the study (synthetic approach).

4. Teaching and learning methods – Evaluation and assessment		
- Theory and Design Workshops – Main Project Brief/ Site visits - Group Appraisal /Site Analysis - Theory Essay and Design Exercises - Interim Reviews - Project Final Pin Up - Portfolio Hand In.		
Use of Information and Communication Technologies	Multimedia and / or conventional presentations via PC - video projection Computer programs use where needed	
Teaching organization	*Activity*	*Semester Credits*
	Lectures	10
	Design Workshop and Excersices	20
	Main Design Project	50
	Project presentation	10
	Digital portfolio	10
	Total	100
Student assesment	Project design and presentation Laboratory examination Digital portfolio	

5. Recommended/ Bibliography

Suggested bibliography
• Indicative basic bibliography from all course areas depending on the study that will be prepared (Architectural composition, Industrial design, Visual Arts and Space, Digital Representations and Technology)
• Related Scientific Journals